

Message

**From:** Columbia Basin Bulletin [billcrampton@bendcable.com]  
**Sent:** 11/30/2018 5:13:01 PM  
**To:** Cope, Ben [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=497efad...]  
**Subject:** CBB, 11/30/2018

If the Columbia Basin Bulletin has been forwarded to you, please subscribe by sending an e-mail to billcrampton@bendcable.com or to <http://www.cbbulletin.com/NewsletterSignup/default.aspx>

-- Bill Crampton, Editor, billcrampton@bendcable.com, 541-312-8860

-----

The Columbia Basin Bulletin:  
Weekly Fish and Wildlife News  
www.cbbulletin.com  
November 30, 2018  
Issue No. 891

---

## Table of Contents

- \* Federal Climate Report Suggests More Warm Years Such As 2015 Will Be A Reality For Columbia River  
<http://www.cbbulletin.com/441849.aspx>
  - \* Council Committee Updated On Final BPA Fish/Wildlife Project Expenses For FY2018, Accords, Future  
<http://www.cbbulletin.com/441848.aspx>
  - \* Court Puts Idaho Power's Hells Canyon Water Quality Lawsuit Against EPA On Hold Until March  
<http://www.cbbulletin.com/441847.aspx>
  - \* With Threat Of Lawsuit, Idaho Suspends Steelhead Angling Until Obtains Incidental Take Permit  
<http://www.cbbulletin.com/441846.aspx>
  - \* Leading Practitioners Of eDNA Science Gather To Discuss New Tool's Possibilities; Can Confirm Fish S  
<http://www.cbbulletin.com/441845.aspx>
  - \* PNW Coastal Forests, Western Cascades Will Be Less Vulnerable To Drought, Fire Than Rocky Mount  
<http://www.cbbulletin.com/441844.aspx>
  - \* UW Climate Impacts Group, Tribes Develop Resources For Tribes To Evaluate Their Vulnerability To C  
<http://www.cbbulletin.com/441843.aspx>
  - \* New Interactive Tool Allows Any User To Interact With PNW Historical Temperatures, Precipitation, See  
<http://www.cbbulletin.com/441842.aspx>
  - \* Lawsuit Challenges EPA On Identifying Oregon Waters Impaired By Ocean Acidification  
<http://www.cbbulletin.com/441841.aspx>
  - \* Extensive, Five-Year Predator-Prey Study To Resume In NE Washington With Radio Collaring Deer  
<http://www.cbbulletin.com/441840.aspx>
  - \* \$5,000 In Rewards Offered In Killing Of Collared Grizzly Bear In Northern Idaho  
<http://www.cbbulletin.com/441839.aspx>
  - \* Supreme Court Sends ESA Case Back To Appeals Court For Another Look At 'Critical Habitat'  
<http://www.cbbulletin.com/441838.aspx>
  - \* Court Settlement Commits Oregon DEQ To Clearing Backlog Of Water Quality Permits, Addressing Cau  
<http://www.cbbulletin.com/441837.aspx>
- 

- \* Federal Climate Report Suggests More Warm Years Such As 2015 Will Be A Reality For Columbia River

# **Ex. 4 Copyright**

# Ex. 4 Copyright

Also see:

- CBB, October 12, 2018, "Study: How Warmer Columbia/Snake Water Temps Affect Adult Salmonid Mig
- CBB, September 14, 2018, "Study Says Climate Change Will Increase Exposure of Pacific Chinook Sal

- CBB, April 13, 2018, "Research: Extreme Climate Variability In West May Be Destabilizing West Coast M
- CBB, March 16, 2018, "Tentative Schedule For Amending Four-State Columbia River Basin Fish And W
- CBB, Jan. 19, 2018, "Council Mulling Issues Likely To Arise During Coming Update Of Basin Fish And V
- CBB, January 27, 2017, "Third Oregon Climate Assessment Report Shows State Still Warming; Lower S
- CBB, October 10, 2014, "NW Power/Conservation Council Approves New Columbia River Basin Fish a

-----  
\* Council Committee Updated On Final BPA Fish/Wildlife Project Expenses For FY2018, Accords, Future

# Ex. 4 Copyright

# Ex. 4 Copyright

# Ex. 4 Copyright

Also see:

- CBB, October 26, 2018, "Feds, Tribes, States Sign Extended Columbia Basin Fish Accords; \$400 Million
- CBB, August 17, 2018, "Council Gets Update On BPA Efforts To Reduce Funding For Fish/Wildlife Prog
- CBB, July 13, 2018, "Council F&W Committee Talks Policy About BPA Project Funding Cuts, Columbia
- CBB, June 15, 2018, "Bonneville Power Looking At Spending Reductions In Columbia Basin Fish/Wildlif
- CBB, May 18, 2018, "Draft Report On Columbia Basin Fish/Wildlife Costs In 2017 Out For Review; \$450
- CBB, February 2, 2018, "Bonneville Power Releases Five Year Strategic Plan, 2018-2023," <http://www.c>

---

\* Court Puts Idaho Power's Hells Canyon Water Quality Lawsuit Against EPA On Hold Until March

# Ex. 4 Copyright

# Ex. 4 Copyright

Also see:

- CBB, April 6, 2018, "Shoshone-Bannock Tribes Side With Oregon On Issue Of Fish Passage At Hells C
- CBB, May 5, 2017, "Hells Canyon Fish Passage: Idaho, Oregon Governors' Letter Sets Up Process To
- CBB, Feb. 10, 2017, "Idaho Power Caught Between Idaho, Oregon Laws Regarding Fish Passage At H
- CBB, Dec. 16, 2016, "Oregon, Idaho Differ On Clean Water Act Interpretations Regarding Snake River"

-----  
\* With Threat Of Lawsuit, Idaho Suspends Steelhead Angling Until Obtains Incidental Take Permit

# Ex. 4 Copyright



# Ex. 4 Copyright

Also see:

- CBB, September 14, 2018, "Salmonid Fishing Closed On The Columbia River; 2018 A Bad Year For Sa
- CBB, August 17, 2018,"WDFW Restricts Fisheries On Columbia River, Two Tributaries To Support Stee
- CBB, Aug. 10, 2018, "Hot Water Temperatures Prompt Oregon/Washington To Close Deschutes, Yakin

-----

\* Leading Practitioners Of eDNA Science Gather To Discuss New Tool's Possibilities; Can Confirm Fish S

# Ex. 4 Copyright

# Ex. 4 Copyright

# Ex. 4 Copyright

\* PNW Coastal Forests, Western Cascades Will Be Less Vulnerable To Drought, Fire Than Rocky Mount

# Ex. 4 Copyright

# Ex. 4 Copyright

---

\* UW Climate Impacts Group, Tribes Develop Resources For Tribes To Evaluate Their Vulnerability To C

# Ex. 4 Copyright

# Ex. 4 Copyright

---

\* New Interactive Tool Allows Any User To Interact With PNW Historical Temperatures, Precipitation, See

# Ex. 4 Copyright

# Ex. 4 Copyright

# Ex. 4 Copyright

\* Lawsuit Challenges EPA On Identifying Oregon Waters Impaired By Ocean Acidification

# Ex. 4 Copyright



# Ex. 4 Copyright

Also see:

-- CBB, December 2, 2016, "Research Links Ocean Acidification To Dissolving Shells Of Pteropods, Key

---

\* Extensive, Five-Year Predator-Prey Study To Resume In NE Washington With Radio Collaring Deer

# Ex. 4 Copyright

---

\* \$5,000 In Rewards Offered In Killing Of Collared Grizzly Bear In Northern Idaho

# Ex. 4 Copyright

---

\* Supreme Court Sends ESA Case Back To Appeals Court For Another Look At 'Critical Habitat'

# Ex. 4 Copyright

---

\* Court Settlement Commits Oregon DEQ To Clearing Backlog Of Water Quality Permits, Addressing Cau

# Ex. 4 Copyright

# Ex. 4 Copyright

Also see:

-- CBB, March 10, 2017, Groups Ask Court To Address Oregon Water Pollution Permitting Program," [http](#)

\*\*\*\*\*

For more information about the CBB contact:

- Bill Crampton, Editor/Writer, [billcrampton@bendcable.com](mailto:billcrampton@bendcable.com), phone: 541-312-8860
- Mike O'Bryant, Writer, [obryants@comcast.net](mailto:obryants@comcast.net), phone: 503-307-7487
- Jim Mann, Writer, [jmann@cbbulletin.com](mailto:jmann@cbbulletin.com), phone: 406-270-5663

The stories in this e-mail newsletter are posted on the Columbia Basin Bulletin website at [www.cbbulletin.com](http://www.cbbulletin.com).

-----

Feedback comments should be sent by e-mail to the Editor at [bcrampton@cbbulletin.com](mailto:bcrampton@cbbulletin.com). Please put "feedback" in the subject line. We accept feedback on all stories, complaints about inaccuracies or omissions; additional information; general views about the topic. The Columbia Basin Bulletin e-mail newsletter is produced by Intermountain Communications of Bend, Oregon. It is funded through the Northwest Power and Conservation Council's Columbia Basin Fish and Wildlife Program.

Copyright 2018 @ Intermountain Communications, Bend, Oregon

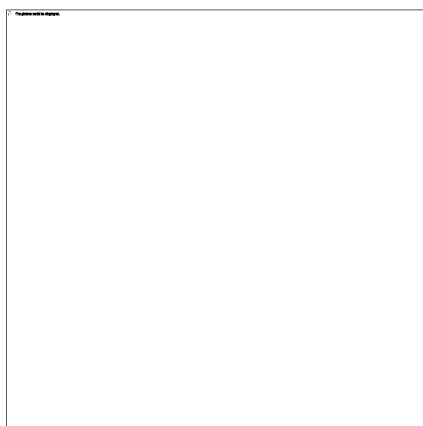
[VISIT OUR WEBSITE](#)

Intermountain Communications | 19464 Summerwalk Place, Bend, OR 97702

[Unsubscribe cope.ben@epa.gov](mailto:Unsubscribe_cope.ben@epa.gov)

[Update Profile](#) | [About our service provider](#)

Sent by [billcrampton@bendcable.com](mailto:billcrampton@bendcable.com) in collaboration with



Try it free today